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PATENT & TRADEMARK OFFICE

SEQUENCE LISTING

<110> Felder, Stephen
Kris, Richard

<120> HIGH THROUGHPUT ASSAY SYSTEM

<130> NEOGEN-1-PO

<140> PCT/US98/27191
<141> 1998-12-21

<150> 60/068,291
<151> 1997-12-19

<150> 09/109,076
<151> 1998-07-02

<160> 32

<170> PatentIn Ver. 2.0

<210> 1
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 1
tccacgtgag gaccggacgg cgtcc 25

<210> 2
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 2
gtcgtttcca tctttgcagt cataggatac tgagtggacg ccgtccggtc ctcacgtgga 60

<210> 3

<211> 60
<212> DNA
<213> murine

<220>
<223> RNA mimic

<220>
<223> C-jun

<400> 3
ctatgactgc aaagatggaa acgacgatac tgagttggac ctaacattcg atctcattca 60

<210> 4
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 4
tgaatgagat cgaatgttag gtcca 25

<210> 5
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 5
cactacggct gagcacgtgc gctgc 25

<210> 6
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 6

ctaggctgaa gtgtggctgg agtctgcagc gcacgtgctc agccgtagtg 50

<210> 7
<211> 60
<212> DNA
<213> murine

<220>
<223> RNA mimic

<220>
<223> MIP-2

<400> 7
agactccagc cacacttcag cctaggatac tgagtctgaa caaaggcaag gctaactgac 60

<210> 8
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 8
gtcagttagc cttgcctttg ttcag 25

<210> 9
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 9
gtcagttagc cttgcctttg ttcag 25

<210> 10
<211> 50
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: linker

<400> 10
accatgtagt tgaggtcaat gaagggcgct cccacaacgc tcgaccggcg 50

<210> 11
<211> 60
<212> DNA
<213> murine

<220>
<223> RNA mimic

<220>
<223> GAPDH

<400> 11
ccttcattga cctcaactac atggtgatac tgagtggaga aacctgccaa gtatgatgac 60

<210> 12
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 12
gtcatcatac ttggcaggtt tctcc 25

<210> 13
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 13
gaaccgctcg cgtgttctac agcca 25

<210> 14
<211> 50
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 14
ctaccgagca aactggaaat gaaattggct gtagaacacg cgagcggttc 50

<210> 15
<211> 60
<212> DNA
<213> murine

<220>
<223> RNA mimic

<220>
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<400> 15
atttcatttc cagtttgctc ggtaggatac tgagtgagtc accaatccca acgccaggct 60

<210> 16
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 16
agcctggcgt tgggattggt gactc 25

<210> 17
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 17
ctcgttccgc gtccgtggct gccag 25

<210> 18
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 18
ctggcagcca cggacgcgga acgag 25

<210> 19
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 19
cggtcggcat ggtaccacag tccgc 25

<210> 20
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 20
gcggactgtg gtaccatgcc gaccg 25

<210> 21
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 21
gcgcgccgcg ttatgcatct cttcg 25

<210> 22

<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 22
cgaagagatg cataacgcgg cgccg 25

<210> 23
<211> 70
<212> DNA
<213> murine

<400> 23
cgagaaatat gacaactcac tcaagattgt cagcaatgca tcctgcacca ccaactgctt 60
gcttgtctaa 70

<210> 24
<211> 60
<212> DNA
<213> murine

<400> 24
cgagaaatat gacaactcac tcaagattgt cagcaatgca tcctgcacca ccaactgctt 60

<210> 25
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: anchor

<400> 25
cgccggtcga gcgttgtggg agcgc 25

<210> 26
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 26
cttgagtgag ttgtcatatt tctcggatac tgagtgcgct cccacaacgc tcgaccggcg 60

<210> 27
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: protection
fragment

<220>
<223> complementary to mouse antisense mRNA for GAPDH

<400> 27
cgagaaatat gacaactcac tcaagattgt cagcaatgca tcctgcacca ccaactgctt 60
gcttgtctaa 70

<210> 28
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 28
aagcagttgg tggtgcagga tgcat 25

<210> 29
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 29
atgcatcctg caccaccaac tgcttgatac tgagtgcgct cccacaacgc tcgaccggcg 60

<210> 30
<211> 70

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: protection
fragment

<220>
<223> complementary to mouse antisense mRNA for GAPDH

<400> 30
aagcagttgg tggtgcagga tgcattgctg acaatcttga gtgagttgtc atatttctcg 60
gcttgtctaa 70

<210> 31
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: detector
oligonucleotide

<400> 31
cgagaaatat gacaactcac tcaag 25

<210> 32
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Xaa at position 6 is a phosphotyrosine

<220>
<223> Description of Artificial Sequence: phosphorylated
peptide

<400> 32
Thr Ser Glu Pro Gln Xaa Gln Pro Gly Glu Asn Leu
1 5 10